

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120718\
 Data File : VX006348.D
 Acq On : 07 Dec 2018 15:38
 Operator : JC/MD
 Sample : J6252-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-AMW-4-M16W4-11-28-18

Quant Time: Dec 08 00:11:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	799897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1225008	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1095160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	531269	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	397507	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
35) Dibromofluoromethane	5.51	113	380522	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
50) Toluene-d8	8.71	98	1413857	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	521556	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	

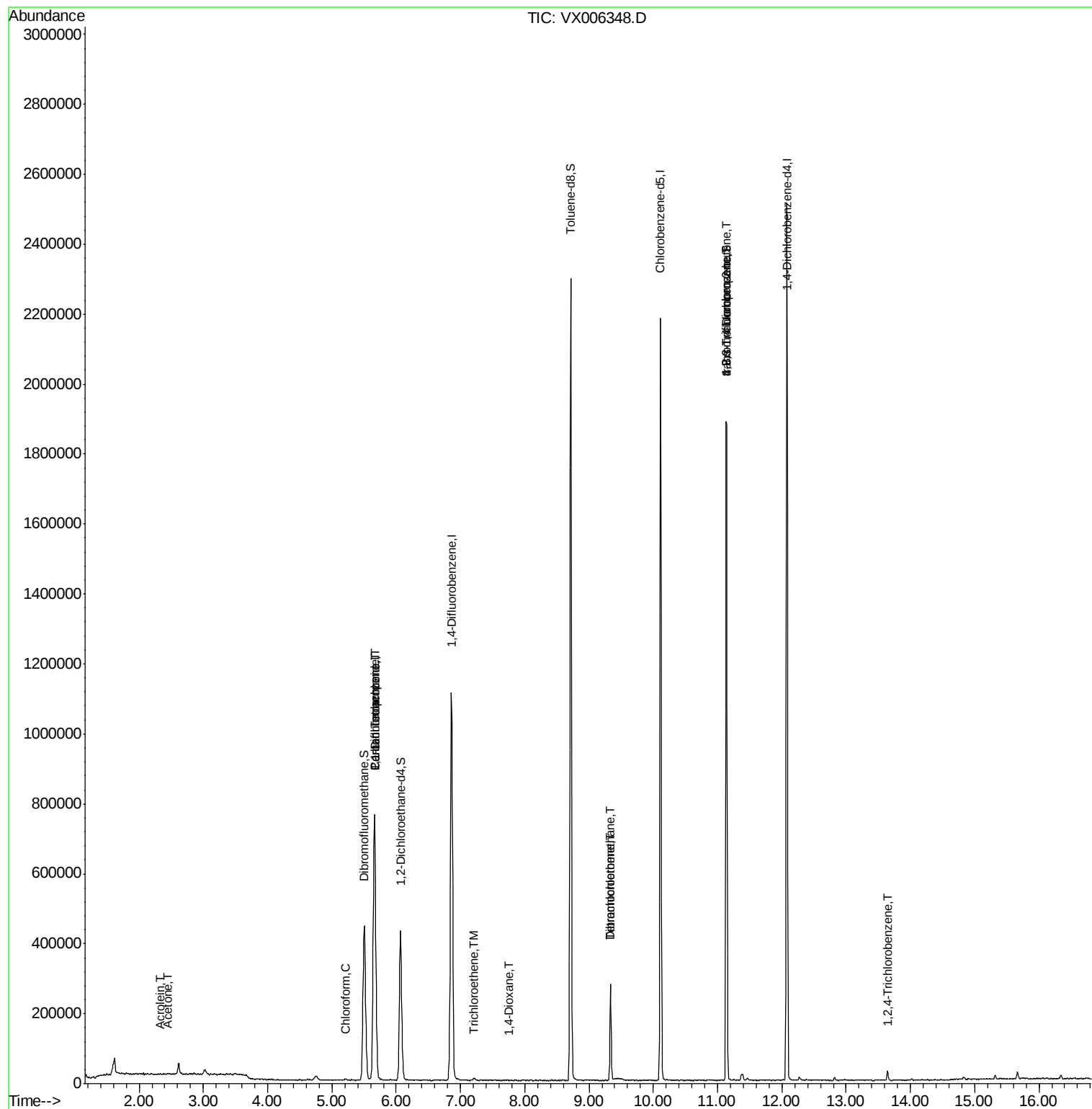
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.32	56	353	0.289	ug/l	86
16) Acetone	2.44	43	4983	1.300	ug/l	90
30) Chloroform	5.21	83	4687	0.349	ug/l	90
36) 1,1-Dichloropropene	5.67	75	50810	4.925	ug/l #	48
38) Carbon Tetrachloride	5.66	117	72817	6.000	ug/l #	16
44) Trichloroethene	7.21	130	2972	0.318	ug/l	86
49) 1,4-Dioxane	7.76	88	183	0.792	ug/l #	22
60) Dibromochloromethane	9.34	129	49736	4.884	ug/l #	11
64) Tetrachloroethene	9.34	164	53448	6.480	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	239116	23.318	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	239116	54.722	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.65	180	6239	0.476	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120718\
Data File : VX006348.D
Acq On : 07 Dec 2018 15:38
Operator : JC/MD
Sample : J6252-19
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CPA-AMW-4-M16W4-11-28-18

Quant Time: Dec 08 00:11:35 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

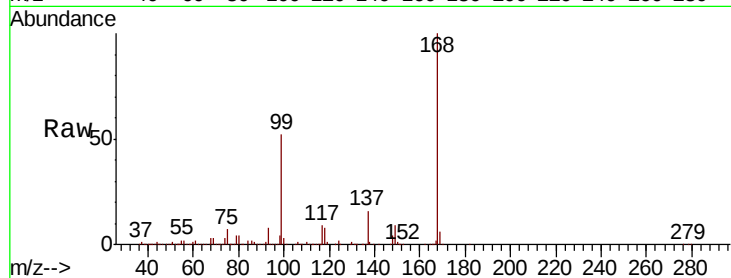
CPA-AMW-4-M16W4-11-28-18

Tot Ion:168 Resp: 799897

Ion Ratio Lower Upper

168 100

99 51.9 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

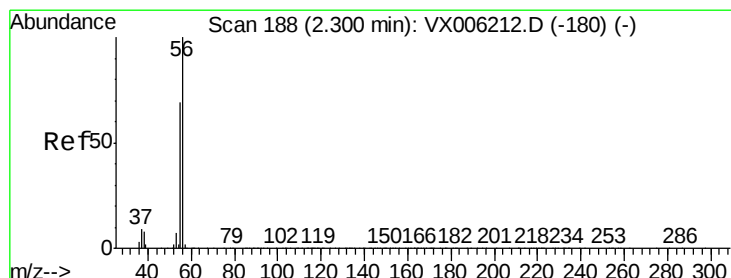
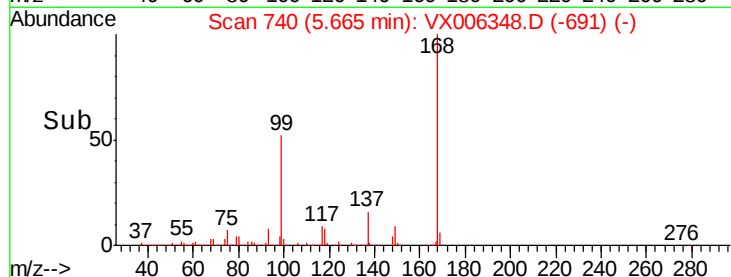
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.289 ug/l

RT: 2.32 min Scan# 191

Delta R.T. 0.02 min

Lab File: VX006348.D

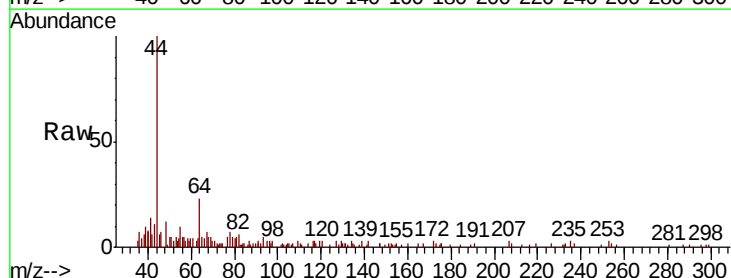
Acq: 07 Dec 2018 15:38

Tgt Ion: 56 Resp: 353

Ion Ratio Lower Upper

56 100

55 83.9 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.32

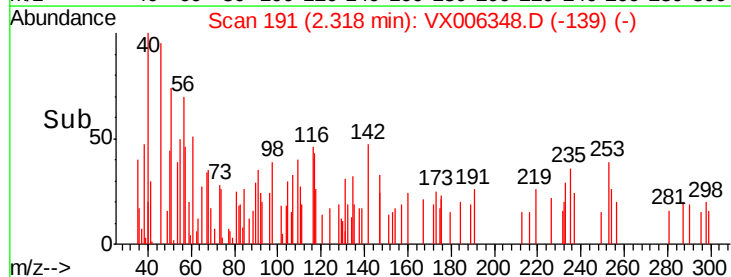
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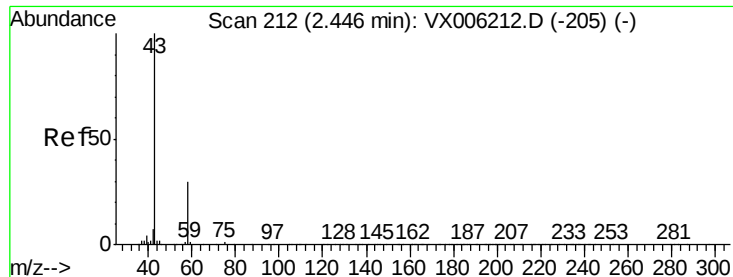
400

200

0

Time-->





#16

Acetone

Concen: 1.300 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

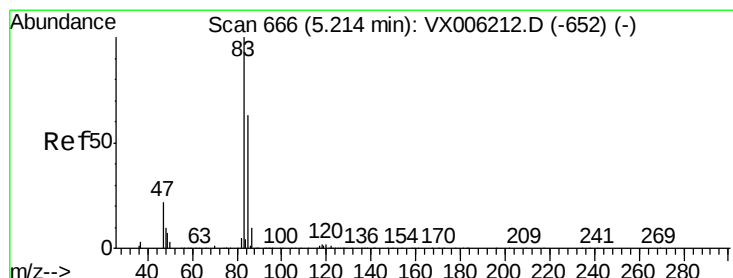
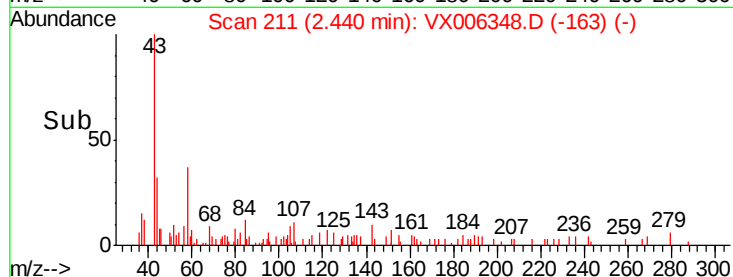
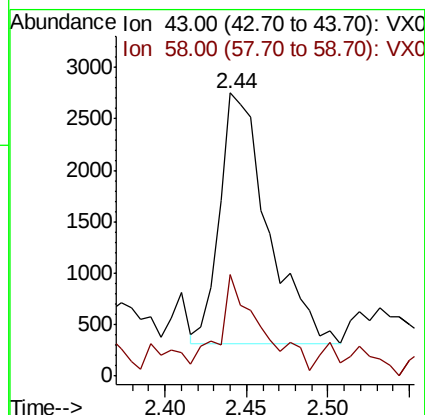
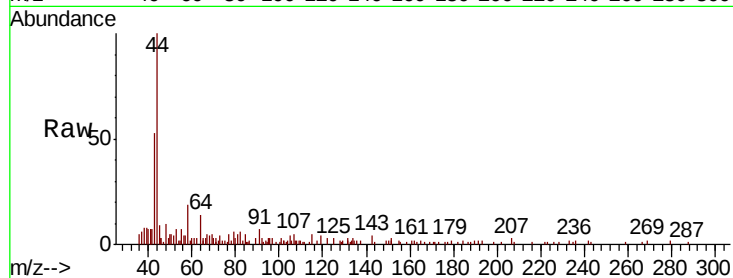
CPA-AMW-4-M16W4-11-28-18

Tot Ion: 43 Resp: 4983

Ion Ratio Lower Upper

43 100

58 35.7 24.0 36.0



#30

Chloroform

Concen: 0.349 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006348.D

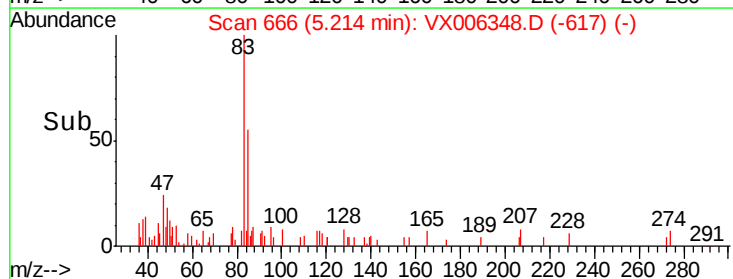
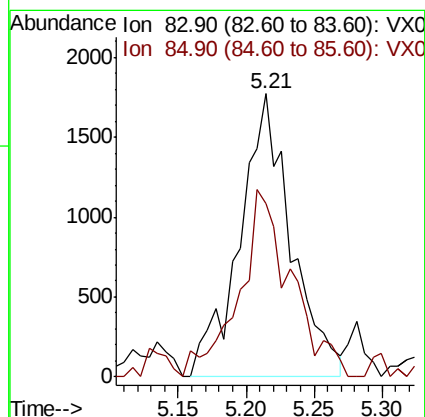
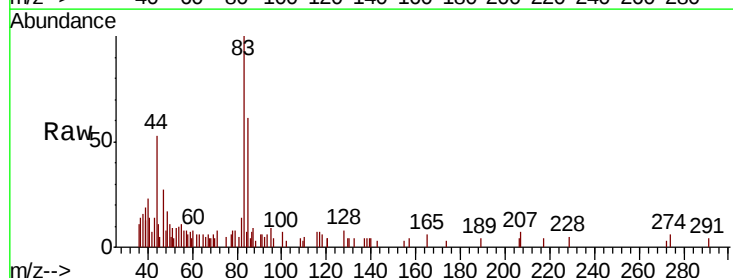
Acq: 07 Dec 2018 15:38

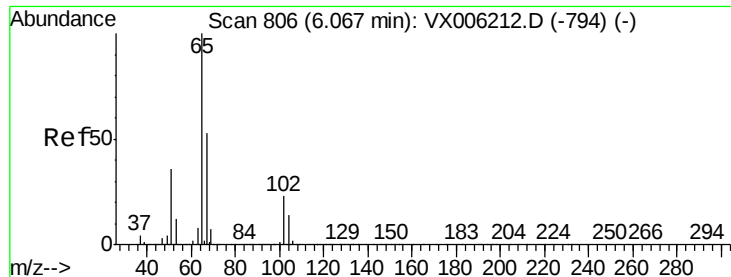
Tgt Ion: 83 Resp: 4687

Ion Ratio Lower Upper

83 100

85 55.2 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 48.680 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

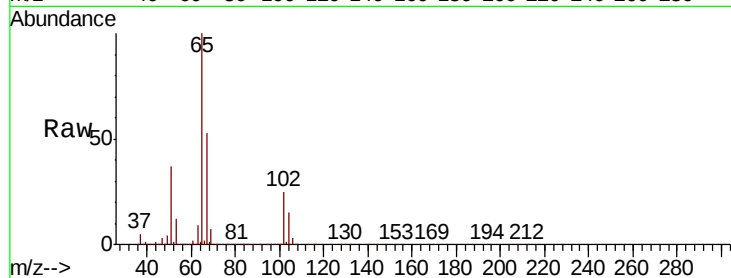
CPA-AMW-4-M16W4-11-28-18

Tot Ion: 65 Resp: 397507

Ion Ratio Lower Upper

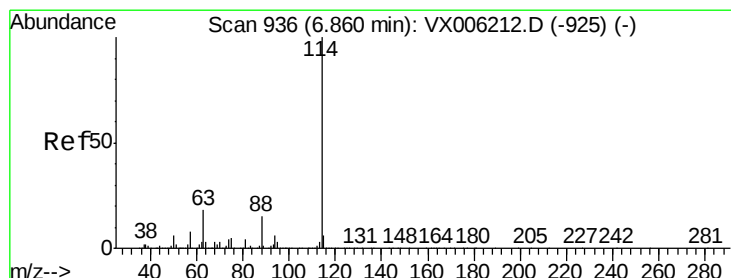
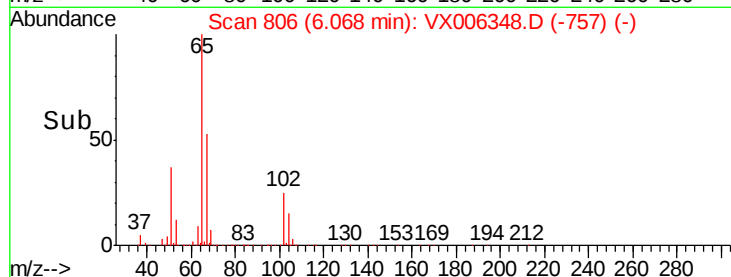
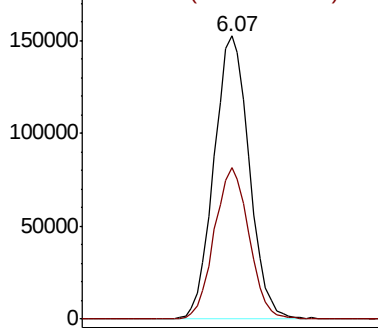
65 100

67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

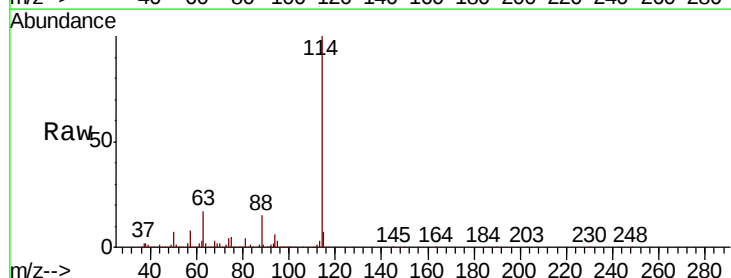
Tgt Ion: 114 Resp: 1225008

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

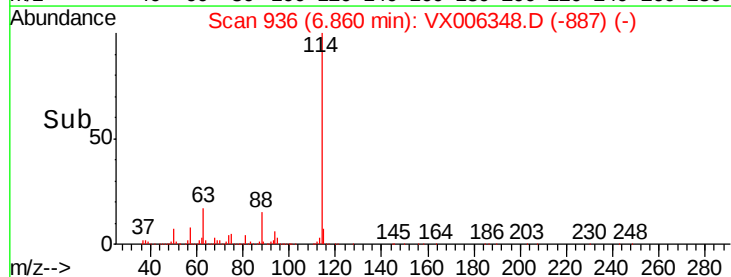
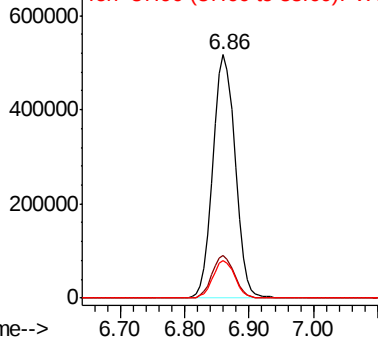
88 15.1 0.0 29.0

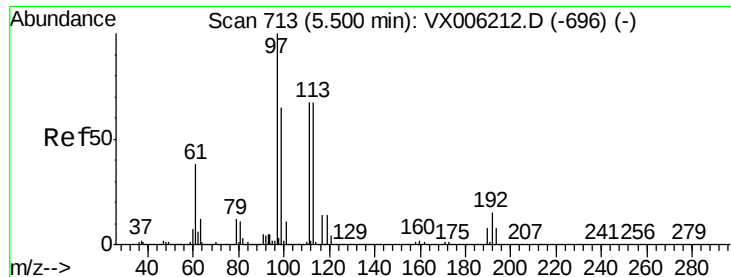


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

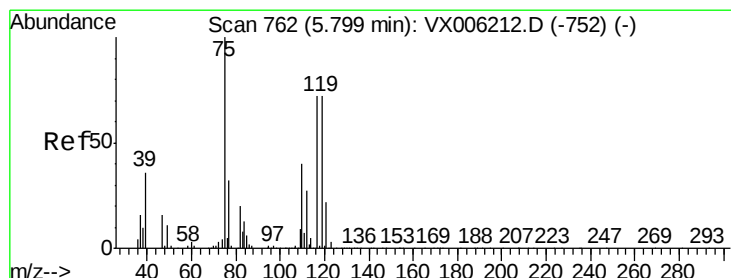
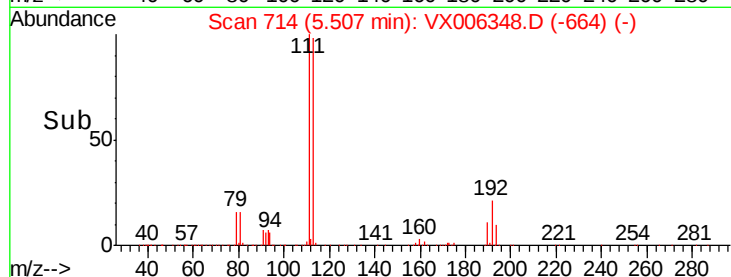
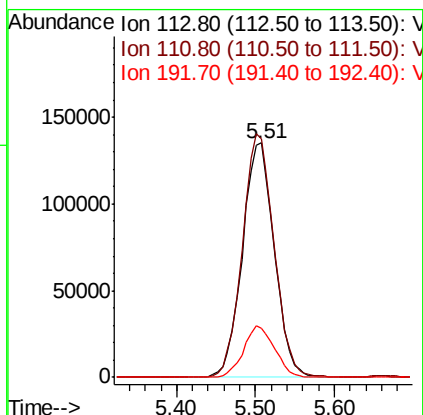
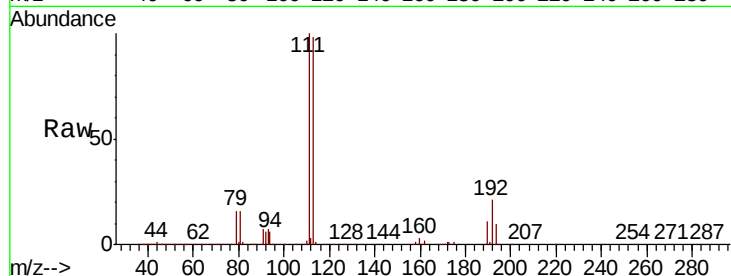




#35
 Dibromofluoromethane
 Concen: 47.976 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006348.D
 Acq: 07 Dec 2018 15:38

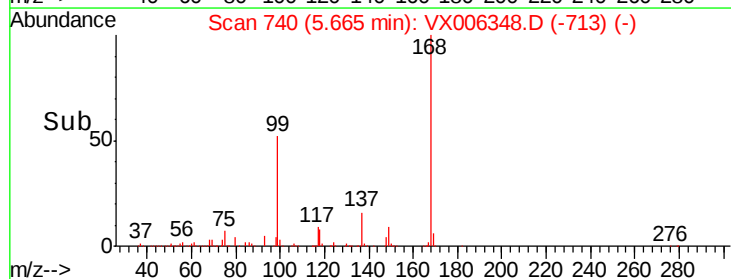
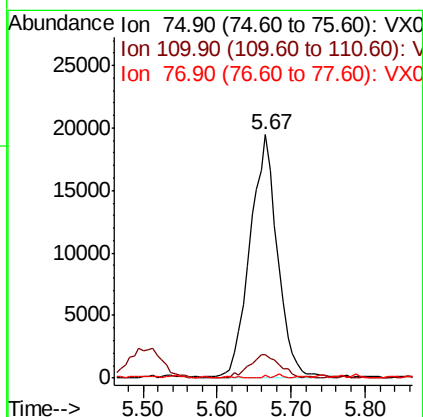
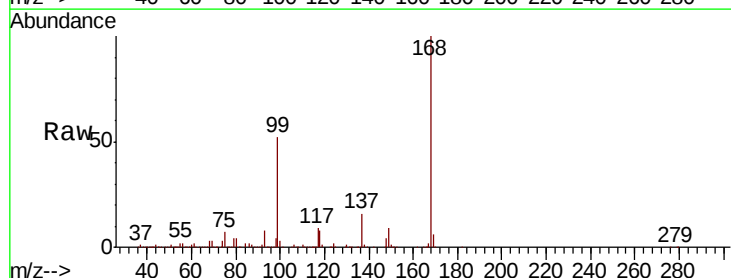
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-AMW-4-M16W4-11-28-18

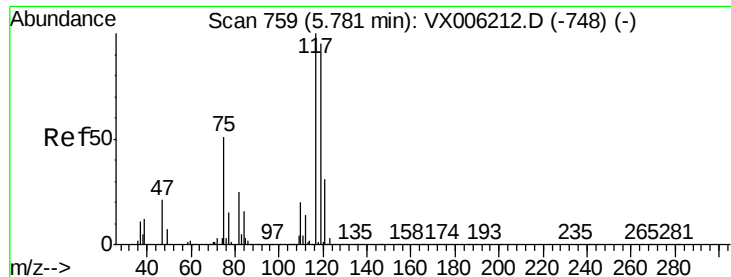
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.1	121.7
192	21.5	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 4.925 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006348.D
 Acq: 07 Dec 2018 15:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.6	20.4	61.3#
77	0.3	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-AMW-4-M16W4-11-28-18

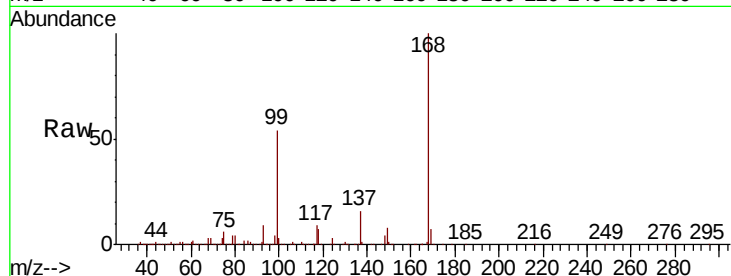
Tot Ion:117 Resp: 72817

Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.8#

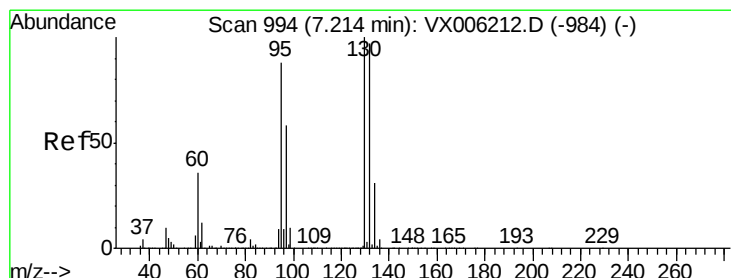
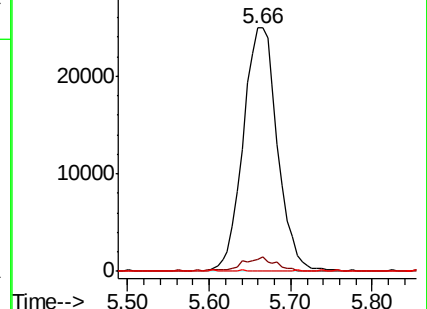
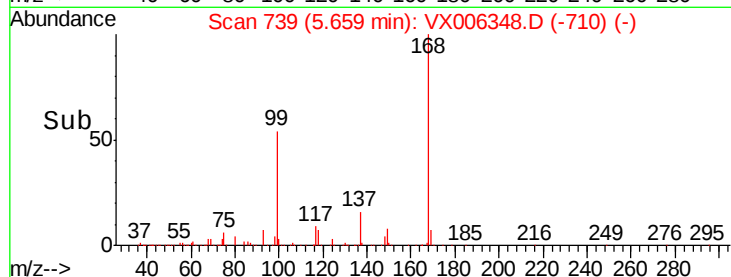
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.318 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006348.D

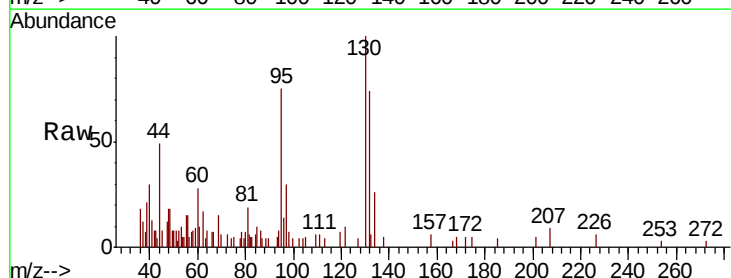
Acq: 07 Dec 2018 15:38

Tgt Ion:130 Resp: 2972

Ion Ratio Lower Upper

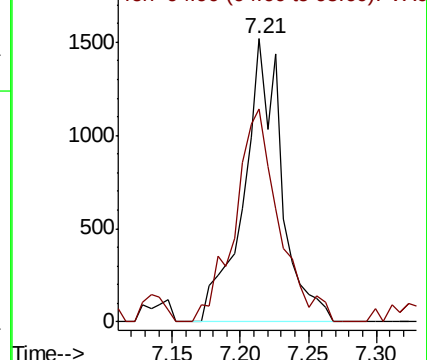
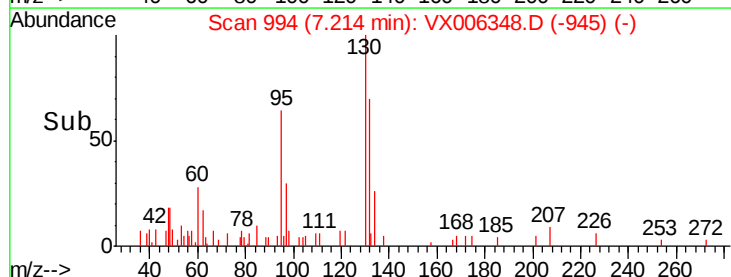
130 100

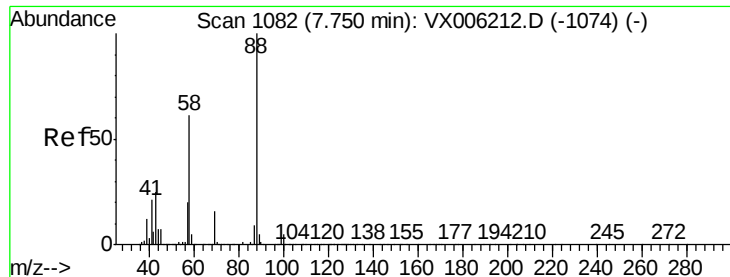
95 75.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

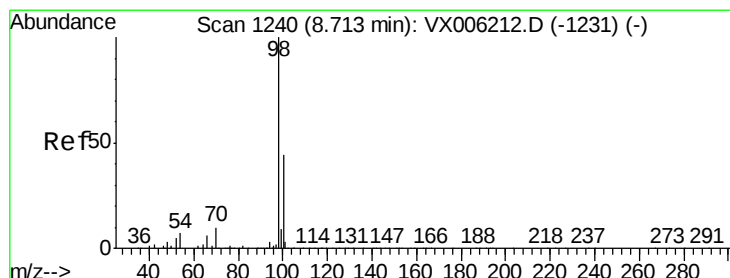
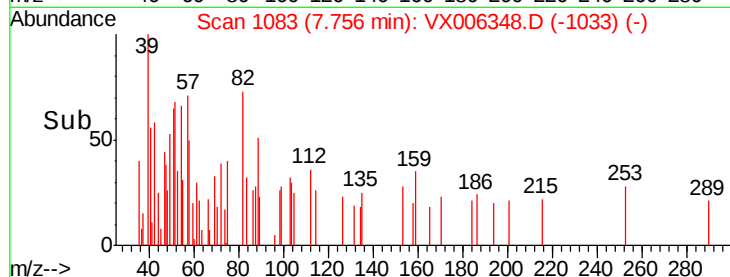
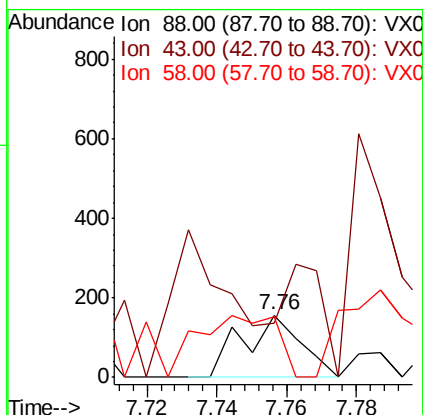
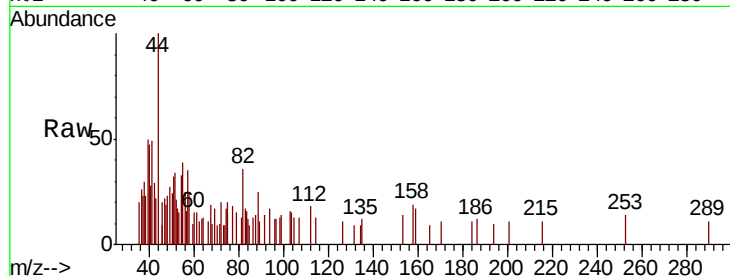




#49
1,4-Dioxane
Concen: 0.792 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006348.D
Acq: 07 Dec 2018 15:38

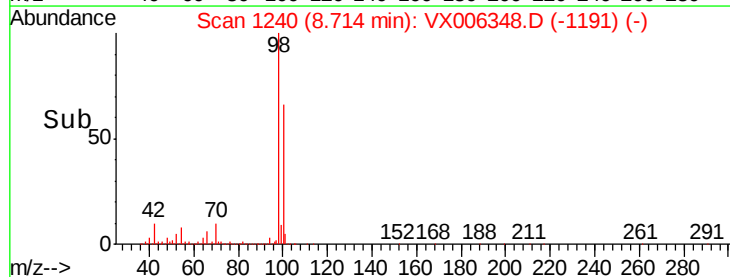
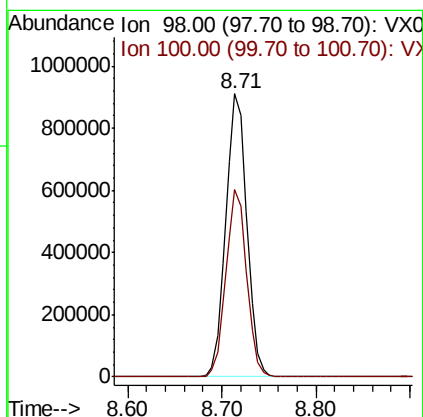
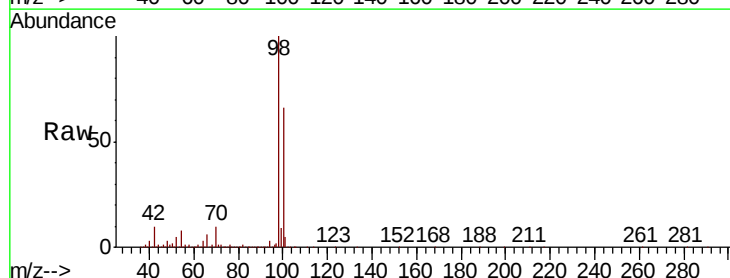
Instrument :
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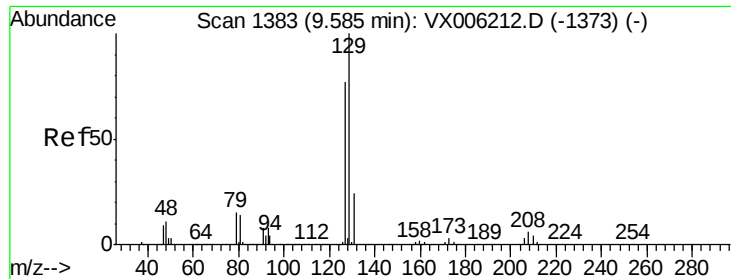
Tot Ion: 88 Resp: 183
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 133.3 51.4 77.0#



#50
Toluene-d8
Concen: 49.007 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006348.D
Acq: 07 Dec 2018 15:38

Tgt Ion: 98 Resp: 1413857
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2





#60

Dibromochloromethane

Concen: 4.884 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

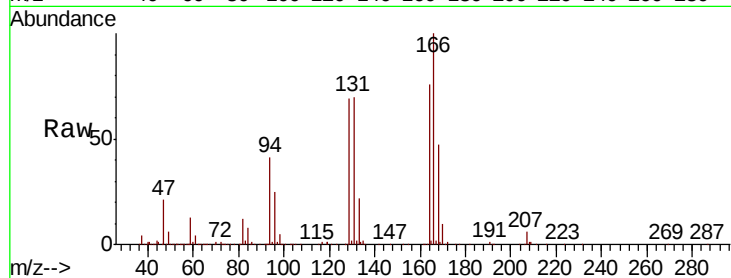
CPA-AMW-4-M16W4-11-28-18

Tot Ion:129 Resp: 49736

Ion Ratio Lower Upper

129 100

127 0.4 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

30000

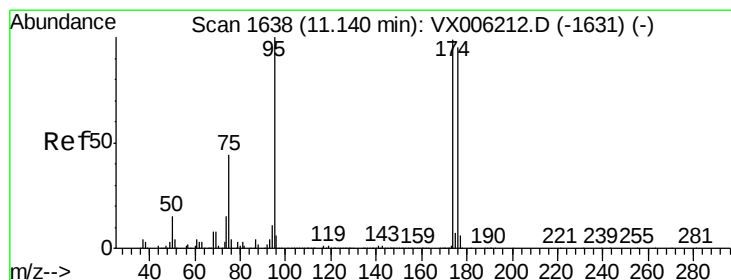
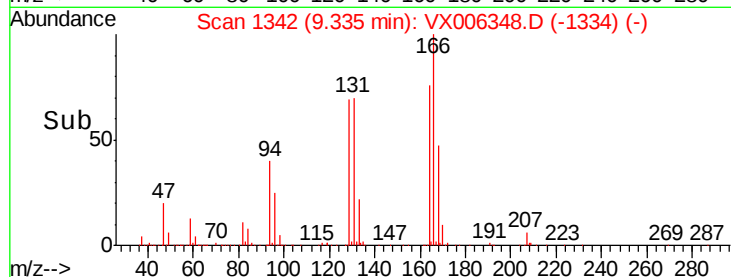
20000

10000

0

Time-->

9.25 9.30 9.35 9.40



#62

4-Bromofluorobenzene

Concen: 47.975 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

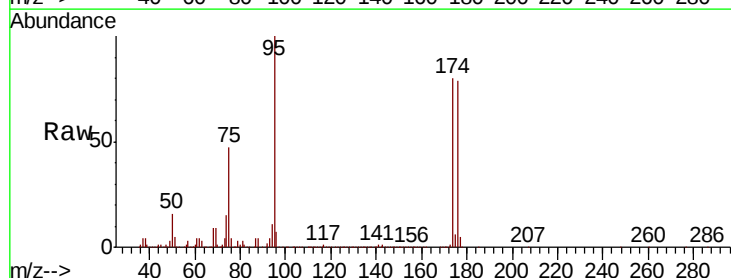
Tgt Ion: 95 Resp: 521556

Ion Ratio Lower Upper

95 100

174 87.8 0.0 187.0

176 86.3 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

300000

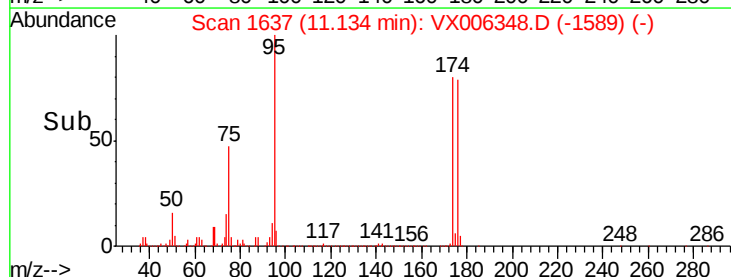
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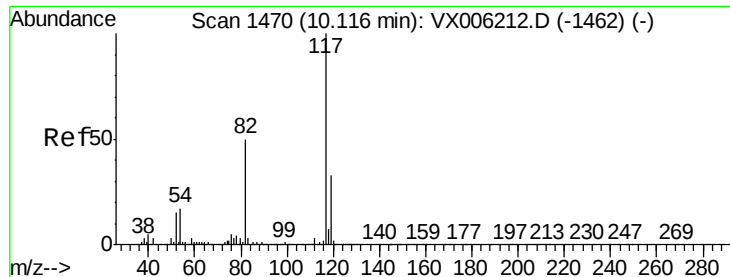
100000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-AMW-4-M16W4-11-28-18

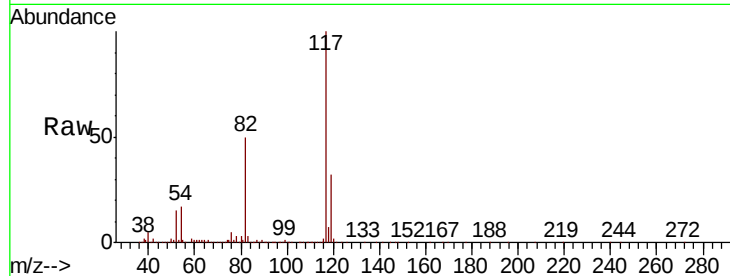
Tot Ion:117 Resp: 1095160

Ion Ratio Lower Upper

117 100

82 49.7 39.6 59.4

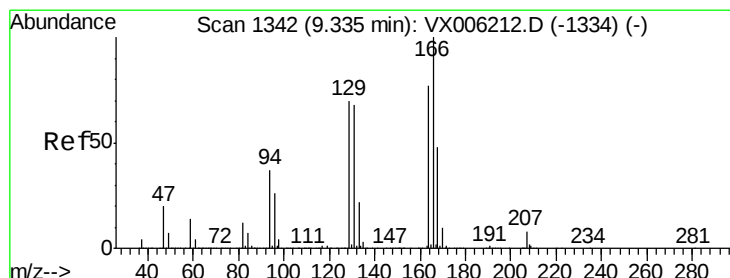
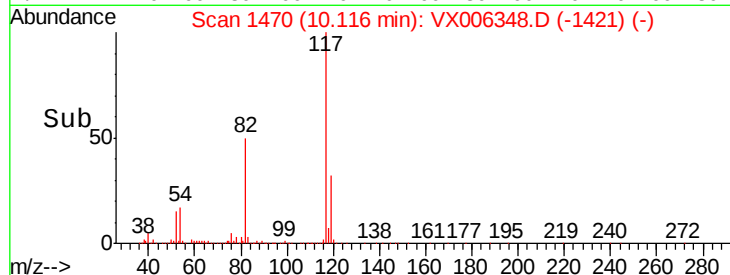
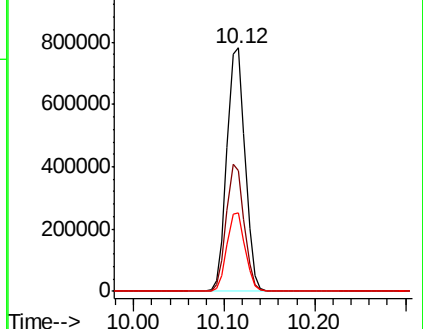
119 32.2 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 6.480 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Tgt Ion:164 Resp: 53448

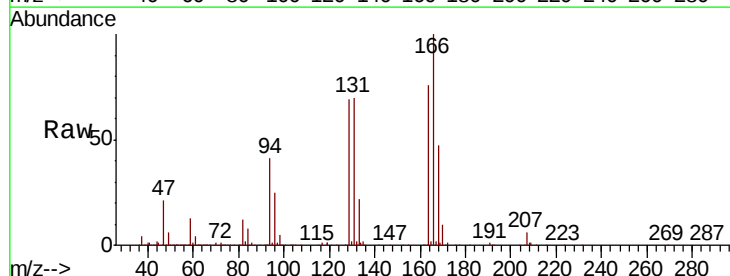
Ion Ratio Lower Upper

164 100

166 132.3 104.2 156.2

129 90.7 72.6 108.8

131 92.9 70.3 105.5

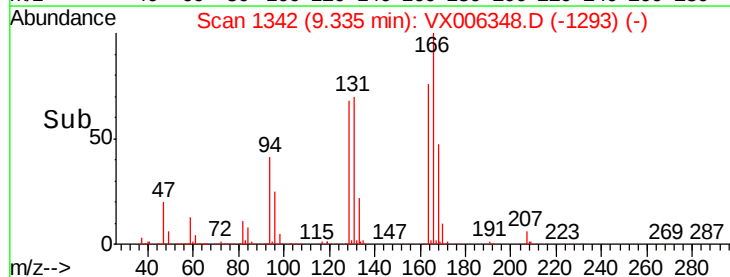
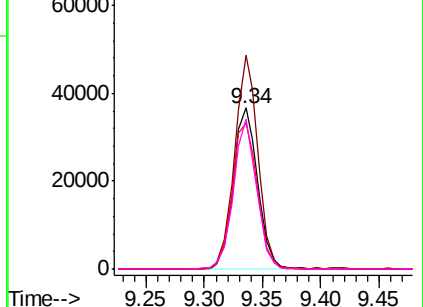


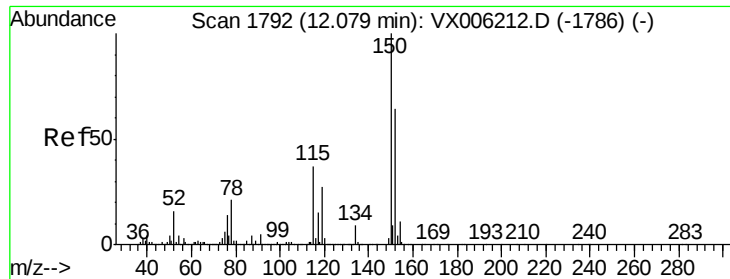
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-AMW-4-M16W4-11-28-18

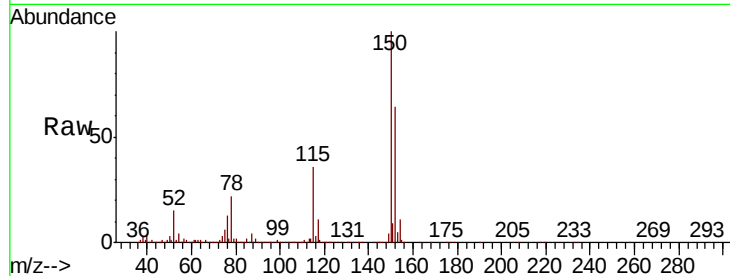
Tot Ion:152 Resp: 531269

Ion Ratio Lower Upper

152 100

115 56.1 39.0 116.9

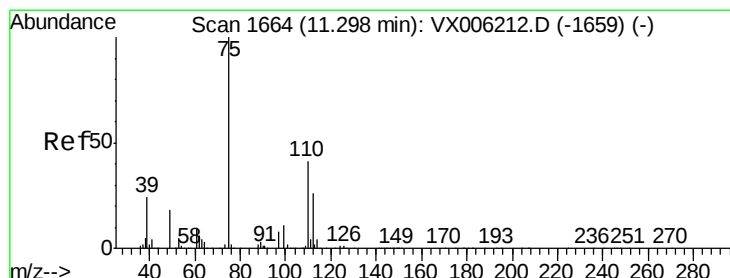
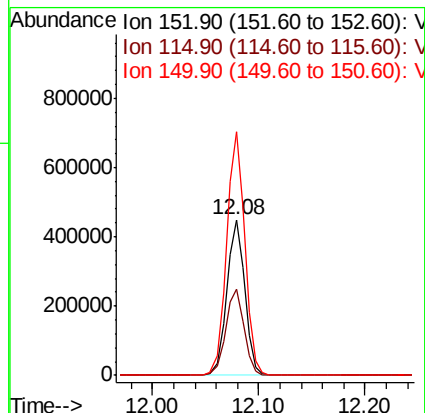
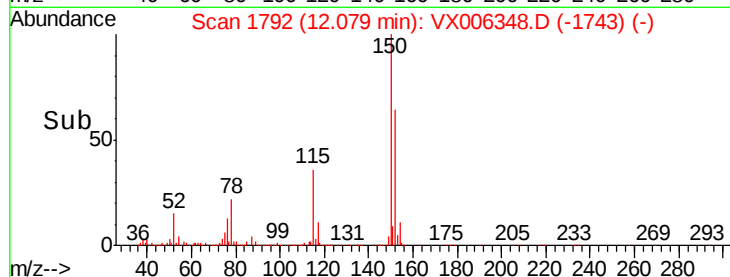
150 157.5 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 23.318 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006348.D

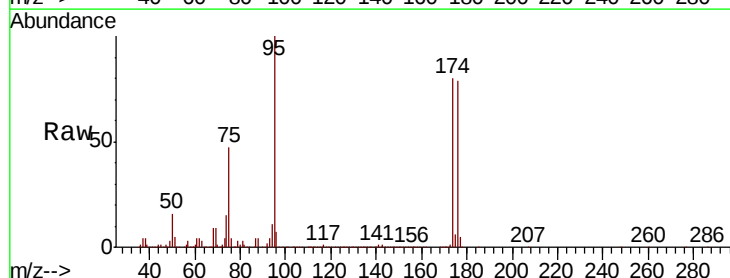
Acq: 07 Dec 2018 15:38

Tgt Ion: 75 Resp: 239116

Ion Ratio Lower Upper

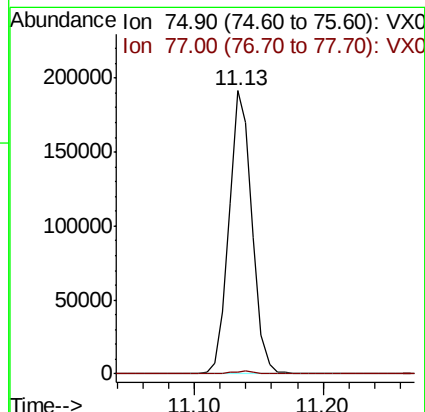
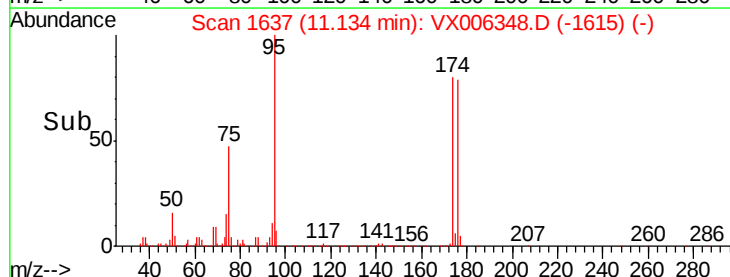
75 100

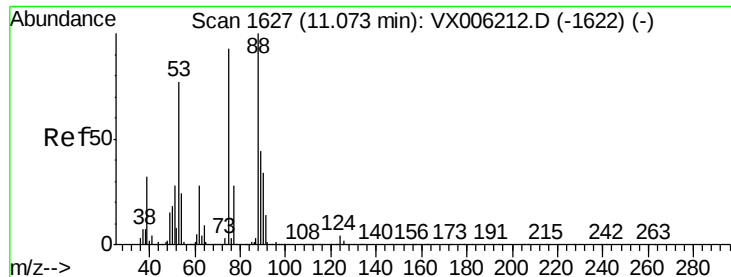
77 1.1 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.722 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

CPA-AMW-4-M16W4-11-28-18

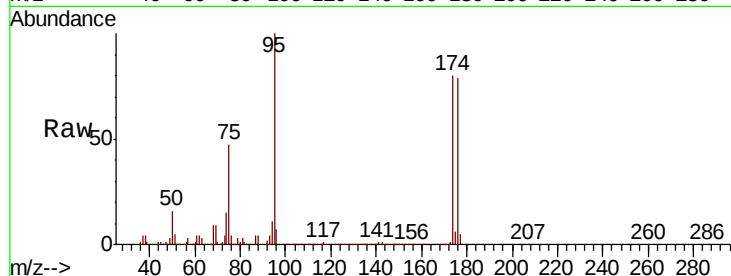
Tot Ion: 75 Resp: 239116

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.0 44.2 66.4#

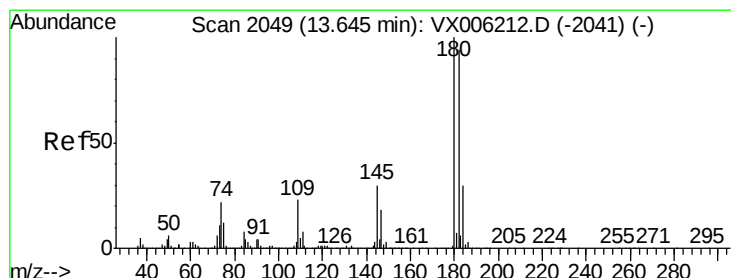
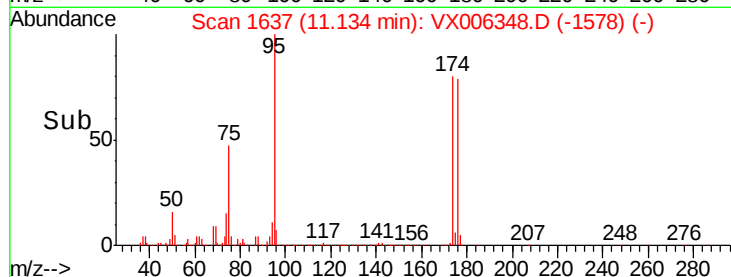
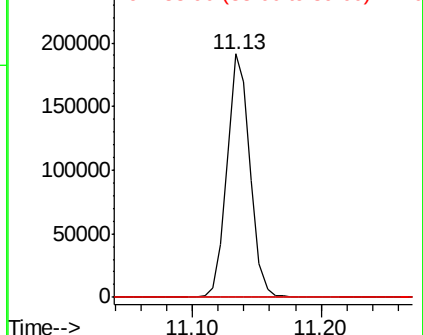


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#93

1,2,4-Trichlorobenzene

Concen: 0.476 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX006348.D

Acq: 07 Dec 2018 15:38

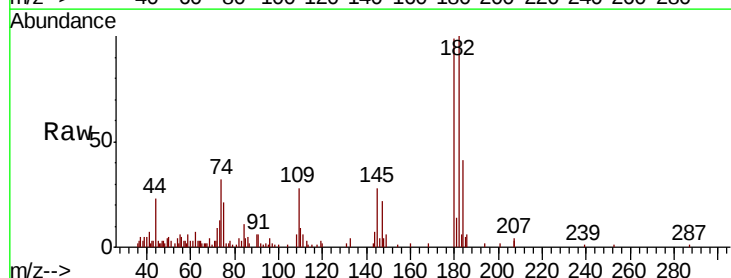
Tgt Ion: 180 Resp: 6239

Ion Ratio Lower Upper

180 100

182 96.9 47.3 141.9

145 32.3 14.6 43.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

